

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

II. LISTING OF CLAIMS:

1-24. (Canceled).

25. (Currently amended) An apparatus for measuring a value detected from a second label corrected for a value detected from a first label comprising:

a test piece with a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions thereon, wherein said different specific binding substances are each labeled with a first labeling substance, wherein an organism-originated substance specifically binds to at least one of said specific binding substances, and wherein said organism-originated substance is labeled with a second labeling substance that differs from said first labeling substance;

a first detection unit means for detecting, wherein said first detection unit detects a level of a first labeling signal emitted by ~~as~~ said first labeling substance, wherein said first labeling substance labels a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions on a carrier of a test piece;

a second detection unitmeans for detecting, wherein said second detection unit detects a level of a second labeling signal emitted by said a second labeling substance, ~~wherein said second labeling substance differs from said first labeling substance and labels an organism-originated substance that binds to said specific binding substance~~; and

an analyzing unitmeans, wherein said analyzing unit measures ~~for measuring~~ a quantity of said organism-originated substance bound to each of said specific binding substances, based on at the detected level of said second labeling signal, corrected for at the detected level of said first labeling signal at each of said predetermined positions.

26. (Currently amended) The apparatus as set forth in claim 25, wherein said specific binding substances are is a cDNA polynucleotides polynucleotide.

27. (Currently amended) The apparatus as set forth in claim 25, wherein said analyzing unitmeans performing said measurement utilizes a correction value calculated for each of said specific binding substances used in the method.

28. (Currently amended) An apparatus for measuring a value detected from a second label corrected for a value detected from a first label comprising:

a test piece with a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions thereon, wherein said different specific binding substances are cDNA polynucleotides and are each labeled with a first labeling substance, wherein an organism-originated substance specifically binds to at least one of said specific binding substances, and wherein said organism-originated substance is labeled with a second labeling substance that differs from said first labeling substance;

a first detection unitmeans, wherein said first detection unit detects for detecting a level of a first labeling signal emitted by said a first labeling substance, wherein said first labeling substance labels a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions on a carrier of a test piece, wherein said specific binding substance is a cDNA polynucleotide;

a second detection unitmeans, wherein said second detection unit detects for detecting a level of a second labeling signal emitted by a second labeling substance, wherein said second labeling substance differs from said first labeling substance and labels an organism-originated substance that binds to said specific binding substance;

an analyzing unitmeans, wherein said analyzing unit measures for measuring a quantity of said organism-originated substance bound to each of said specific binding substances, based

on ~~at~~ the detected level of said second labeling signal, corrected for ~~at~~ the detected level of said first labeling signal at each of said predetermined positions,

wherein said analyzing unit~~means performing said measurement~~ utilizes a correction value calculated from ~~information about~~ 1) ~~at~~ the length of ~~the~~ each of said cDNA polynucleotides~~polynucleotide~~ and 2) the relative frequency of said~~the~~ first labeling substance within each of said cDNA polynucleotides~~polynucleotide~~ ~~used in the method~~.

29. (Currently amended) The apparatus as set forth in claim 25, wherein said first labeling substance ~~for said specific binding substances~~ is a fluorescent dye.

30. (Currently amended) The apparatus as set forth in claim 26, wherein said first labeling substance ~~for said specific binding substances~~ is a fluorescent dye.

31. (Currently amended) The apparatus as set forth in claim 27, wherein said first labeling substance ~~for said specific binding substances~~ is a fluorescent dye.

32. (Currently amended) The apparatus as set forth in claim 28, wherein said first labeling substance ~~for said specific binding substances~~ is a fluorescent dye.

33. (Currently amended) The apparatus as set forth in claim 25, wherein said first labeling substance ~~for said specific binding substances~~ is a radioactive isotope.

34. (Currently amended) The apparatus as set forth in claim 26, wherein said first labeling substance ~~for said specific binding substances~~ is a radioactive isotope.

35. (Currently amended) The apparatus as set forth in claim 27, wherein said first labeling substance ~~for said specific binding substances~~ is a radioactive isotope.

36. (Currently amended) The apparatus as set forth in claim 28, wherein said first labeling substance ~~for said specific binding substances~~ is a radioactive isotope.